

## EAST Search History

S34	1	S33 same transfer adj switch same converter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:52
S35	42	S33 same transfer adj switch and converter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:53
S36	20	("20030075982"   "3573576"   "4211933"   "4228364"   "4324987"   "4336462"   "4890212"   "5231565"   "5239253"   "5436510"   "5455760"   "5536976"   "5754445"   "5861683"   "5986353"   "6028373"   "6046513"   "6066897"   "6172432"   "6285178").PN. OR ("7015599"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:49
S37	1233	307/18,20,23,80,82.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:49
S38	58	S37 and (transfer adj switch)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:50
S39	23	S38 and converter	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:54
S40	32	transfer adj switch same (switch\$3 adj mode)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 14:57
S41	0	S40 same regulator same rectifier same filter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 14:57
S42	1	S40 same regulator and rectifier and filter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 14:55
S43	24791	switch\$3 adj mode	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 14:57
S44	80	S43 same regulator same rectifier same filter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 14:58

## EAST Search History

S45	39	S44 same connected	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 17:12
S46	2151	multiple adj power same supplies	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 17:12
S47	36	S46 same three adj phase	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 17:21
S48	9	S47 same rectifier	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 17:12
S49	1	("1654196").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:52
S50	122	power adj converter same ((SMPS) switch adj mode adj power adj supply)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 17:53
S51	3	S50 same (multiple plurality) same power same sources	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 17:54

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This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.

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5831538).pn.

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	122	power adj converter same ((SMPS) switch adj mode adj power adj supply)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 07:41
L6	19	5 same regulator	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 07:41
L7	8	("6130828"   "6222747"   "6297970"   "6434026"   "6442048"   "6445597").PN. OR ("6490179"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 07:44
S1	900	307/125.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/30 10:38
S2	271	S1 and (ATS (automatic adj transfer adj switch))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/30 10:39
S3	13	S2 and power adj converter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/30 13:56
S4	52	("4335445" "5924406" "6630752" "6876103" "6980911" "6995327" "7005760" "4894796" "5914467" "6233451" "4461143" "4827395" "4884055" "5201059" "5280285" "5349688" "5583769" "5675538" "5739594" "5918586" "6318100" "6385447" "6459232" "6593670" "6889056" "6952426" "7054275" "4968900" "4875829" "5321222" "5710931" "5816358" "6205079" "4264826" "4300088" "4397273" "4786918" "4896862" "5214316" "5249196" "5337074" "5416445" "5437940" "5546417" "5552902" "5606713" "5696950" "5754571" "5801849" "5831538").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/30 15:25
S5	1	"20040233602"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/30 15:25

## EAST Search History

S6	10	("20020079741"   "3555290"   "4659942"   "5182464"   "5745670"   "5917253"   "6018204"   "6184593"   "6194794"   "6404168").PN. OR ("7005760").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 17:12
S7	35	("3050635"   "3191050"   "3221172"   "3283165"   "3368082"   "4186312"   "4460834"   "4731547"   "4827152"   "5373198"   "5646458"   "6014015"   "6031294").PN. OR ("6194794").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 17:55
S8	1	("6593670").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/30 17:55
S9	11	("4423336"   "5031593"   "5611312"   "5755211"   "5874698"   "6105553"   "6172432"   "6181028").PN. OR ("6593670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 17:55
S10	108	("1132741"   "2326070"   "2410677"   "2442388"   "2456199"   "2745971"   "2861198"   "2917635"   "3636368"   "3646355"   "3662182"   "3691393"   "3697709"   "3778633"   "3808451"   "3936782"   "4021678"   "4066913"   "4090090"   "4096394"   "4099692"   "4157461"   "4189649"   "4204128"   "4208593"   "4211933"   "4231029"   "4310770"   "4311919"   "4345162"   "4384213"   "4398097"   "4405867"   "4423339"   "4476398"   "4560886"   "4590387"   "4672227"   "4747041"   "4747061"   "4760278"   "4761563"   "4791255"   "4804933"   "4807102"   "4894796"   "4935861"   "4988889"   "5023469"   "5070252"   "5182464"   "5268850"   "5397868"   "5422517"   "5436511"   "5498913"   "5502634"   "5532525"   "5534734"   "5536976"   "5559704"   "5563802"   "5581133"   "5612580"   "5619077"   "5635772"   "5638295"   "5646459"   "5656871"   "5680301"   "5729059"   "5739594"   "5745670"   "5747887"   "5748432"   "5751564"   "5767591"   "5784240"   "5831345"   "5903065").PN. OR ("6172432").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 18:30

## EAST Search History

S11	26	("3792444"   "3918041"   "3943500"   "4005404"   "4091376"   "4125830"   "4262338"   "4305136"   "4511898"   "4591914"   "4594572"   "4663539"   "4666020"   "4672227"   "4683555"   "4694194").PN. OR ("4894796"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 18:43
S12	41	("3734230"   "3758736"   "3974672"   "4356368"   "4558914"   "4769557"   "4912384"   "4926282"   "4973929"   "5000692"   "5003430"   "5018043"   "5018050"   "5043847"   "5212433"   "5408061"   "5455744"   "5469031"   "5493194"   "5541810"   "5568356"   "5606299"   "5652420"   "5691871"   "5699222"   "5870277"   "5870278"   "5879173"   "6008985"   "6038130"   "6140896"   "6147419"   "6172875"   "6184762"   "6215204"   "6232859"   "6411184"   "6452468"   "6472963"   "6531940").PN. OR ("6686672").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 18:45
S14	224	(automatic adj transfer adj switch)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/05 08:35
S15	12	S14 same port	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/05 08:45
S16	19	("20040172603" "3794846" "424908 8" "4256972" "4310771" "4405867"  "4766327" "5640060" "5761073" " 5784240" "5959448" "6107784" "61 72432" "6191500" "6198176" "6255 805" "6304468" "6630752").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/05 08:45
S17	12	("4743999"   "5343079"   "5642002"   "5801937"   "5901057"   "6023152"   "6037752"   "6051893"   "6118676"   "6175166").PN. OR ("6630752").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 09:08
S18	12	("2038277"   "2081839"   "3312895"   "3829774"   "4527118"   "4788493").PN. OR ("5959448"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 09:57

## EAST Search History

S19	31	("3646355"   "3936782"   "4021678"   "4157461"   "4189649"   "4204128"   "4398097"   "4405867"   "4423336"   "4672227"   "4747061"   "4760278"   "4804933"   "5023469"   "5070252"   "5124881"   "5268850"   "5581133"   "5734239"   "5739594"   "5748432"   "5784240"   "5892297"   "5903065"   "5914467"   "5939802"   "5959448"   "6034445"   "6100604"   "6172432"   "6593670").PN. OR ("6825578"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 10:34
S20	27	("4090090"   "4096395"   "4145617"   "4189649"   "4231029"   "4384213"   "4405867"   "4672227"   "4879624"   "4894796"   "5182464"   "5210685"   "Re30295").PN. OR ("5739594"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 11:02
S21	5	("4016458"   "5739594"   "6172432"   "6181028"   "6191500").PN. OR ("6791208").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 11:37
S22	10	("20020079741"   "3555290"   "4659942"   "5182464"   "5745670"   "5917253"   "6018204"   "6184593"   "6194794"   "6404168").PN. OR ("7005760"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 14:01
S23	21	("2740904"   "3678284"   "3753069"   "4131827"   "4262209"   "4563624"   "4686375"   "4715192"   "4731547"   "4884160"   "5021679"   "5493155"   "5500561"   "5536976").PN. OR ("6285178"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 15:29
S24	6351	(transfer adj switch)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/05 15:30
S25	61	S24 same uninterrupted same sources	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/05 15:31
S26	28	S25 same converter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/05 15:33
S27	1	("6894622").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/05 15:33

## EAST Search History

S28	49	("2978596"   "2988655"   "3056893"   "3636236"   "3760235"   "4627684"   "4717358"   "4749908"   "4873600"   "5007860"   "5122069"   "5177325"   "5180886"   "5272459"   "5277620"   "5334052"   "5384428"   "5645449"   "5701244"   "5744750"   "5768097"   "5793627"   "5980279"   "5995400"   "6486789"   "D122482"   "D134818"   "D142475"   "D218441"   "D225581"   "D240836"   "D280318"   "D316396"   "D329618"   "D341124"   "D374809"   "D378577"   "D391554"   "D394424").PN. OR ("6894622").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 15:40
S29	14	("20030012038"   "4004947"   "5401589"   "5573867"   "5579197"   "5783932"   "5986354"   "6011324"   "6198176"   "6198177"   "6288456"   "6304006"   "6583523"   "6602627").PN. OR ("7061139").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 08:46
S30	47	("2194822"   "2783393"   "3243598"   "3514625"   "3665495"   "3753069"   "3805139"   "3808452"   "4406950"   "4412170"   "4460834"   "4465943"   "4471233"   "4651020"   "4686375"   "4729086"   "4827152"   "4857755"   "5053635"   "5081368"   "5612580"   "5642002"   "5646458"   "5686766"   "5737202"   "5783932"   "5811960"   "5880536"   "5896434"   "6011324").PN. OR ("6288456").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 10:54
S31	10	("3636368" "4096395" "4218625" "4384213" "4538231" "4747061" "5184025" "5475296" "5594631" "6172432").PN.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/07/06 10:54
S32	49	("4030015"   "4034232"   "4099109"   "4327298"   "4549131"   "4580220"   "4665501"   "4672228"   "4673825"   "4677366").PN. OR ("5184025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 11:50
S33	81634	(plurality multiple many) same power adj sources	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:51